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EUROPEAN PATENT APPLICATION

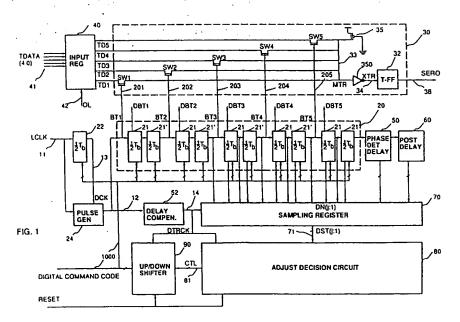
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- Representative: Wright, Hugh Ronald et al. **Brookes & Martin** 52/54 High Holborn London WC1V 6SE (GB)
- Digital serializer and time delay regulator.
- 57 A method and apparatus for providing a digitally self calibrating delay element by faunching a pulse of 1/2 Tb into a delay line and by determining the position at any instant of said pulse in the delay line
- and by digitally adjusting the delay of said delay line, and a digital serializer with switches clocked by these pulses.





EUROPEAN SEARCH REPORT

Application Number EP 93 30 4079

ategory		indication, where appropriate,	Relevant	CLASSIFICATION OF THE
	of relevant p	assages	to claim	APPLICATION (Int.CL5)
1	DE-A-38 43 261 (ANT NACHRICHTENTECHNIK) * column 1, line 18 - line 35 * * column 2, line 3 - line 38 * * column 3, line 2 - line 41 *		1-6,8-12	H04J3/04 H04L7/033 H04L25/38
(US-A-4 763 327 (JOI * column 1, line 6 * column 3, line 38 * column 4, line 40	1 - column 2, line 3 * 8 - line 46 *	6	
•	EP-A-O 146 236 (SPI * abstract * * figure 1 *	ERRY CORPORATION)	7	
*	WO-A-89 09520 (BELL MANUFACTURING COMPA * page 1, line 2 - * page 3, line 17 -	ANY)	1,10	
	EP-A-0 384 918 (SIE		1	
	AKTIENGESELLSCHAFT)			TECUNICAL FIELDS SEARCHED (Int.Cl.5)
	* page 1, line 24 - * page 2, line 15 -	- page 4, line 14 *		H04J H04L
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	The present search report has h	ocen drawn up for all claims		
	Place of search	Date of completion of the search	 	Examiner
	THE HAGUE	3 February 199	4 Van	den Berg, J
(CATEGORY OF CITED DOCUME ticularly relevant if taken alone		nciple underlying the document, but public	



	CLAIMS INCURRING FEES
The pro	esent European patent application comprised at the time of filing more than ten claims.
_	All claims fees have been paid within the prescribed time limit. The present European search report has been
<u> </u>	drawn up for all claims.
	Only part of the claims fees have been paid within the prescribed time limit. The present European search
<u> </u>	report has been drawn up for the first ten claims and for those claims for which claims fees have been paid.
	namely claims:
_	No claims fees have been paid within the prescribed time limit. The present European search report has been
ـــا	drawn up for the first ten claims.
	LACK OF UNITY OF INVENTION
	arch Division considers that the present European patent application does not comply with the requirement of unity of
	in and relates to several inventions or groups of inventions.
namely:	
	see sheet -B-
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X	All further search lees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
	Only part of the further search fees have been paid within the fixed time limit. The present European search
u	report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid.
	namely claims:
	None of the further search fees has been paid within the fixed time limit. The present European search report
ب	has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims,
	namely claims:



European Patent Office

EP 93 30 4079 -B-

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions or groups of inventions.

1. Claims 1-5,10-12: Calibration of a delay line

2. Claims 6-9 : Digital data serializer

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